Forest-like TiO$_2$ hierarchical structures for efficient dye-sensitized solar cells

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Supplementary Graphics

Fig. S1 SEM images of the H$_2$Ti$_2$O$_5$·H$_2$O films without H$_2$SO$_4$ treatment.

Fig. S2 High resolution SEM image of the nanoforest films after H$_2$SO$_4$ hydrothermal treatment.
Fig. S3 High resolution SEM image of the nanoforest films obtained with H$_2$SO$_4$ corrosion on the heating holder in stead of hydrothermal reaction.

Fig. S4 SEM images of TiO$_2$ on FTO glasses (a) NR1, (b) NT1, (c) NR2, (d) NT2.
**Fig. S5** Photographic images of the NT2 photoanodes (a) a sample after heat treatment, (b) the front of the sensitized photoanode, (c) the back of the sensitized photoanode.